

Title (en)

MELTING AND REFINING OF GLASS OR THE LIKE WITH VACUUM REFINING

Publication

EP 0231518 B1 19910306 (EN)

Application

EP 86118053 A 19861224

Priority

- US 81549486 A 19860102
- US 89414386 A 19860807

Abstract (en)

[origin: EP0231518A2] Method and apparatus are provided for refining glassy material (51) or the like by vacuum. The material (51) is first melted and then introduced into a vacuum chamber (12), preferably into space above liquid (51) held in the chamber (12). Other aspects involve a two-step melting process preparatory to the vacuum refining, in which the material is initially liquefied in one stage (10) and dissolution of particles is substantially completed in a second stage (11). The molten material (51) is preferably foamed (50) immediately upon entry into the vacuum chamber (12).

IPC 1-7

C03B 3/00; C03B 5/00; C03B 5/04; C03B 5/14; C03B 5/225; C03C 1/00; C03C 3/078; C03C 3/087

IPC 8 full level

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CPC (source: EP KR US)

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